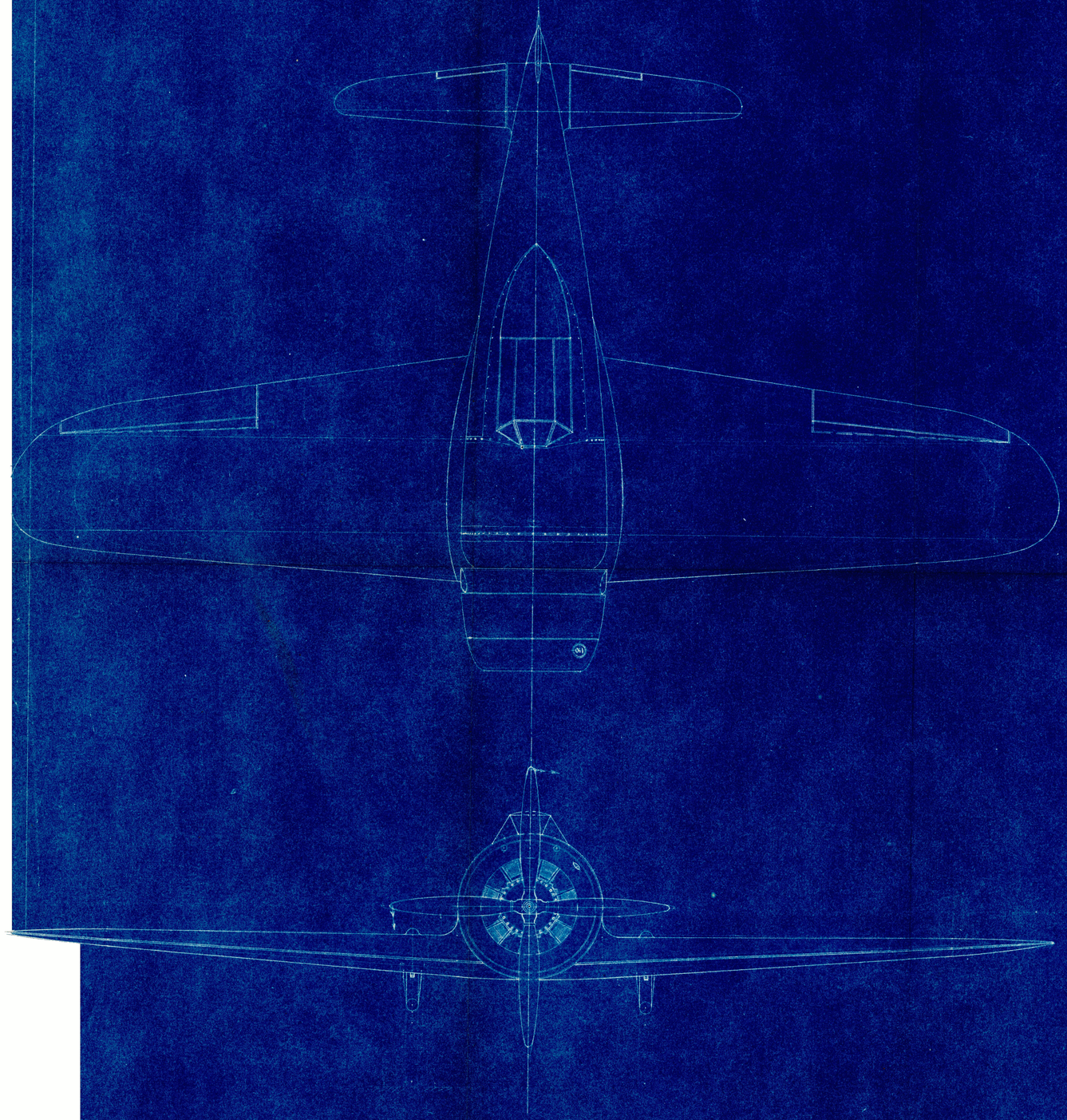
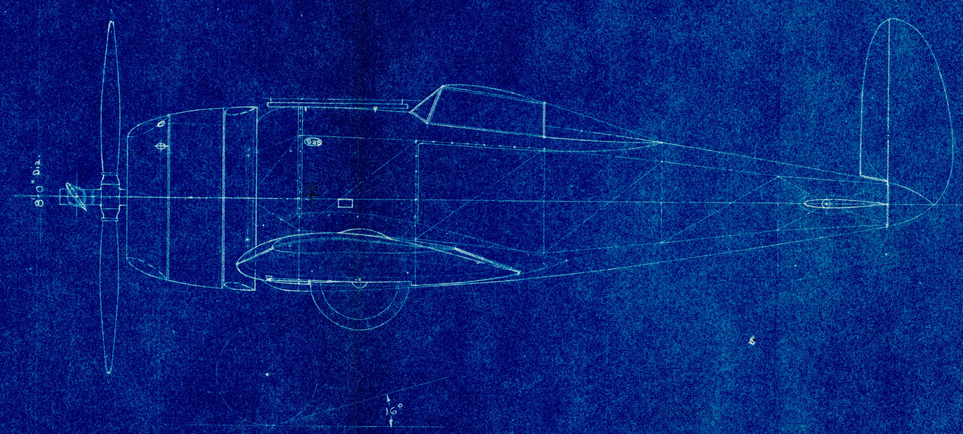
MATERIAL	HEAT TREAT	FINISH	DRAWN	CHECKED	ENGINEER	APPROVED	SCHULTZ XP 800 3 VIEW DRAWING	PAGE 3B
			W.F. Schultz 4/20/35	W.F. Schultz 4/20/35	W.F. Schultz 4/20/35	W.F. Schultz 4/20/35		MODEL S-5
			4182#			1"=20"		REPORT NO. 1
			ESTD WT.	ACTUAL WT.	LIMITS	SCALE	ASSEMBLY NO.	5002 DWG. NO.





- GENERAL SPECIFICATIONS -

PERFORMANCE
(Estimated)

Maximum Speed (Sea Level)	266 M.P.H.
Stalling Speed (" ")	65 M.P.H.
Rate of Climb (" ")	2670 ′/min.
Absolute Ceiling	26,500′
Maximum Speed (10000′ Altitude)	284 M.P.H.
Cruising Speed (10000′ Altitude For 3 Hours)	225 M.P.H.
Distance (Take off + Landing Over 50′ Obstacle)	739′ + 225′.
Power 1-800 H.P. Pratt+Whitney 14 Cyl. Motor	R-1830.

GENERAL DIMENSIONS

Length	20′-4″
Span	30′-0″
Chord (1½ Incid.) Root-6′-4.8″ Tip 3′-7″ E.M.A.R.	5′-9.6″
Height	10′-1″
Area (Wing-120.25 ☐′ Ailerons-9.75 ☐′) Total Fixed	130 ☐′
(Fowler-20 ☐′ Chassis 30 ☐′) Total Excess	50 ☐′
(Elevator-14 ☐′ Rudder-6.5) Total Tail	20.5 ☐′

WEIGHT
(Estimated)

Empty		2893′
Structure	924.	
Power Plant	1631.	
Fixed Equipment	338.	
	Total 2893.	
Design Useful Load	1015.	
Design Load	3908.	3908.*
Over Load	284.	
Gross Weight	4192.	4192.*